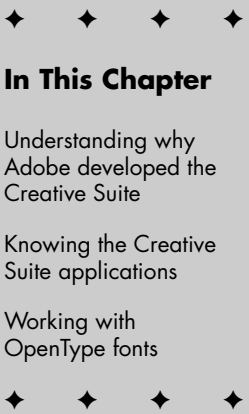
CHAPTER 1

# Introducing the Adobe Creative Suite



**In This Chapter**

Understanding why Adobe developed the Creative Suite

Knowing the Creative Suite applications

Working with OpenType fonts



The Adobe Premium Creative Suite is composed of several programs designed to work together to accomplish all your publishing needs for output to print, screen viewing, and Web hosting. Instead of marketing the individual program components of the Creative Suite, Adobe Systems has spent much of its marketing effort targeting the entire Creative Suite to design professionals.

This chapter offers a description of the Creative Suite programs and gives you an idea of how they work together. In this chapter, you learn about the purpose of each program and the relationship each program has with other members of the Creative Suite team. In addition, you receive a brief summary of new features contained in the latest releases of the individual programs.

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## Why Creative Suite?

Each program in the Creative Suite version 2 is an upgrade from the CS1 applications, and each is available for upgrades individually. So, why is Adobe Systems spending so much marketing effort informing users about the benefits of the Creative Suite? And why talk about the Creative Suite as a single entity when users are likely to upgrade the individual software programs in their design studios? These may be the first questions on your mind as you see the advertising for Adobe imaging product upgrades.

The answer is that Creative Suite is a single design solution where the whole is greater than its parts. For years, Adobe Systems built applications on programs like Adobe Illustrator and Adobe InDesign with core PDF technology. These programs evolved with common elements so that you, the creative professional, could easily exchange files among Adobe programs.

Rather than rely on a single program to perform tasks such as illustration, layout, and printing, Adobe offers you several applications, each a tool designed for a specific purpose to help you become more efficient in your creative process. These tools seamlessly integrate into the greater toolbox called Adobe Creative Suite. After working in individual programs, you can collect the creative elements together using Adobe Bridge and Adobe InDesign CS2 as the tool to perform layout assembly. You can then travel to output by exporting files to PDF documents in Adobe Acrobat, or you can host parts of your layout on a Web site using Adobe GoLive CS2.

Adobe Bridge is a separate executable application introduced in the Creative Suite version 2. Adobe Bridge is included when you purchase any of the CS2 stand-alone products but is not available for purchase as a separate product. For more information on Adobe Bridge, see the section "Adobe Bridge" later in this chapter.

As stand-alone programs, Adobe Creative Suite 2 offers many new marvelous tools with enhanced features to create, design, and express your ideas. Collectively, these tools build upon the integration and interoperability introduced in the first version of the Creative Suite.

## Native file support

The strongest argument for using Adobe Photoshop CS2, Adobe Illustrator CS2, Adobe InDesign CS2, and Adobe GoLive CS2 together is that native file formats are easily transported between the CS programs. You no longer need to decide about saving Photoshop files as TIFF, EPS, GIF, PNG, or JPEG. Rather, you can import a native Photoshop PSD or Illustrator AI file into Adobe InDesign CS2 complete with layers and transparency. You can also import native Illustrator and Photoshop files directly in Adobe GoLive CS. The native file format import feature alone can save you space on your hard drive, because you need to save only a single file. Additionally, you save time in importing the correct file because only a single file is saved from the host application and used in your page layout or Web design. You can also directly open native Illustrator CS files in any Adobe Acrobat viewer, and you can open PDF documents in Illustrator and import them into InDesign and GoLive.

With the CS2 release, things just got better. Not only can you import native layered files in Adobe InDesign; you can also turn layers on or off when importing Photoshop and Acrobat PDF files in InDesign CS2.

For information on importing native file formats across programs, see Part III.

## Consistent user interface

Programs that creative professionals use today are sophisticated and complicated. One of the major problems facing many designers is the long learning curve necessary to become productive in a computer program. When you use several programs from several different computer-software manufacturers, your learning curve increases. Application-software companies develop software according to standards each company sets forth in the design of the user interface. One company may make extensive use of context-sensitive menus, while another company may avoid them. One company may use palettes and panes liberally, while another company relies on menu commands and dialog boxes. Add to these differences the extended use of keyboard shortcuts; program differences require you to spend a lot of time learning shortcuts. Additionally, the confusion of remembering one key sequence in one program invokes a different command than the same key sequence in another program.

In workflow environments, consistency is crucial. Time is money, and the time required to train your staff cuts into your productivity and your profits. When you use tools all developed by a single software manufacturer, you become more consistent in the design of the user interface and the keyboard shortcuts that access menus, tools, and commands. Adobe has taken the user interface design one step further by offering customizable keyboard shortcuts and custom workspaces in all CS2 programs.

Having a consistent look and feel in the user interface enables you to develop an intuitive sense for how to use a particular program to create a design project. The more you learn about a manufacturer's products, the faster you can become productive. In some cases, you can jump into a new program, poke around, and understand many features without reading exhaustive manuals and books.

For information on customizing workspaces and keyboard shortcuts, see Chapter 4.

## Versioning tools

How many times have you created a tight comp and had a client tell you that he or she likes another version of the layout? You may create duotone images in Photoshop, offer a proof print to your client, and have the client tell you he wants another spot color in the Photoshop images. You offer a second proof and the client informs you the first proof print is really the one that best fits his or her campaign. You're back at your design studio scrambling through your hard drive looking for the first versions, locating the files and importing or relinking them back into the layout.

The Creative Suite lets you easily revisit earlier versions of illustrations, photo images, layouts, and Web pages. Along with the stand-alone programs in the Creative Suite, you also receive Version Cue, a marvelous utility that permits you to save multiple versions of a design in the same file. You decide what version to promote to the current look, and the linked file in your InDesign CS document dynamically updates. In workflow environments, nothing more easily tracks the current version of a design and quickly gets you to final output with the correct version.

In addition to saving versions of documents, the CS2 programs now support saving an alternate version of a document. You may have a Photoshop file saved with different versions and have an alternate Illustrator document of the same design. Version Cue helps you manage your versions and your alternates.

For more information on installing and using Version Cue and working with versions and alternates, see Chapter 8.

## Consistent color management

Have you ever created an illustration, dropped it into a layout program, and seen a completely different color rendered in the layout? How about scanned images appearing with one color in Adobe Photoshop and different color values in the layout program? With the Adobe Creative Suite, you can access the same color engine and color-management policies among the design programs and Adobe Acrobat. Now in Creative Suite 2 you can manage color across all programs using Adobe Bridge. You assign color profiles in Photoshop or Illustrator, and all applications can conform to the same color management settings.

For more information on managing color across the Creative Suite programs, see Chapter 6. For more information on using Adobe Bridge, see Chapter 7.

## Dynamic object and image editing

Ever have last-minute changes that you need to make before the last FedEx pickup of the day? A layout is complete, but you must quickly change an illustration or a photo image. In programs like Adobe InDesign CS, or even with embedded objects and images in PDF files, a double-click of the mouse button or the selection of a menu command launches the editing program that created the object or image and opens the file in a document window. You make your edits, save the file, and the edited version is dynamically updated in InDesign CS or Acrobat Professional. This kind of quick editing keeps you from having to find the original object or image, make edits, save back to another file format, update the link, and re-create a PDF file.

For more information on dynamic object and image editing, see Chapter 26.

## Visual file exchanges

Let's face it; creative people are more visual and often work best in situations where they can first see a document before importing it in another program. More than ever before, Adobe has created a visually friendly workplace for you. You can easily drag and drop objects and images between document windows from one program to another, drag files from the desktop to open document windows, and copy and paste objects and images between documents.

Now with Adobe Bridge you can see all your files with thumbnail previews and drag and drop files into different application documents. You can also drag and drop Microsoft Office files into Adobe InDesign CS2 directly from the Bridge window.

For more information on importing and exchanging documents among programs, see Part III. For information on using Adobe Bridge, see Chapter 7.

## Support for PDF

With InDesign CS as the central core of your Creative Suite programs for design purposes, PDF is the central file format for file exchanges and printing. All the Adobe CS programs support PDF imports and exports and all CS2 applications now use the same Adobe PDF Settings. In Creative Suite 2, PDF exports and imports are easier. InDesign CS2, as well as Photoshop CS2 and Illustrator CS2, supports exports to PDF/X format, which is a reliable document format used for commercial printing. Photoshop CS2 supports the creation of PDF slideshows; Illustrator CS2 and InDesign CS2 support PDF creation with Adobe PDF Layers; and GoLive CS2 supports PDF imports as smart objects, PDF previews, and PDF exports. InDesign CS2 now supports importing layered PDF documents and toggling layered views directly from

within InDesign. You can also apply the same layer views to layered Photoshop CS2 documents. InDesign CS2 also supports multipage PDF file imports. Additionally, you can import media such as movie clips and sound files in InDesign CS and export them to PDF. Because PDF is the reliable standard for on-screen document viewing and output to professional printing devices, the CS2 programs take advantage of core PDF architecture.

For more information on PDF/X and commercial printing, see Chapter 38. For more information on PDFs and multimedia, see Chapter 32.

# Understanding the Creative Suite

There are two versions of the Adobe Creative Suite:

- **Adobe Standard Creative Suite 2:** This includes Adobe Bridge, Adobe Photoshop CS2, Adobe Illustrator CS2, Adobe InDesign CS2, and Version Cue.
- **Adobe Premium Creative Suite 2:** This includes the same programs with the addition of Adobe Acrobat Professional 7 and Adobe GoLive CS 2.

We cover all the premium edition programs in the other chapters in this book. In addition to the programs, you also get more than 100 OpenType faces with the Creative Suite editions. For a complete list of type, go to: `www.adobe.com/products/creativesuite/type.html`.

Although the programs typically referred to as the CS applications include those mentioned in the preceding paragraph, you also find the addition of Adobe ImageReady CS2. The CS2 version is also a new upgrade to ImageReady CS1, which shipped with Photoshop CS1.

Each of the programs is an upgrade from previous CS versions of the software along with the introduction of Adobe Bridge, and Adobe Systems intends to upgrade the products in tandem for all future versions. Therefore, you can be confident that the next upgrade of a program like Photoshop CS will also include upgrades to Illustrator CS, InDesign CS, and GoLive CS.

## Adobe Bridge

Adobe Bridge (see Figure 1-1) is a new executable application introduced in the Creative Suite version 2. If you launch Photoshop CS2 and become alarmed when you no longer find Photoshop's File Browser, worry no more. The Photoshop File Browser has been eliminated and replaced by a new more powerful type of file browser called Adobe Bridge. With Adobe Bridge, you can view document thumbnail previews for all Adobe applications as well as many non-Adobe applications.

For information on using Adobe Bridge, see Chapter 7.

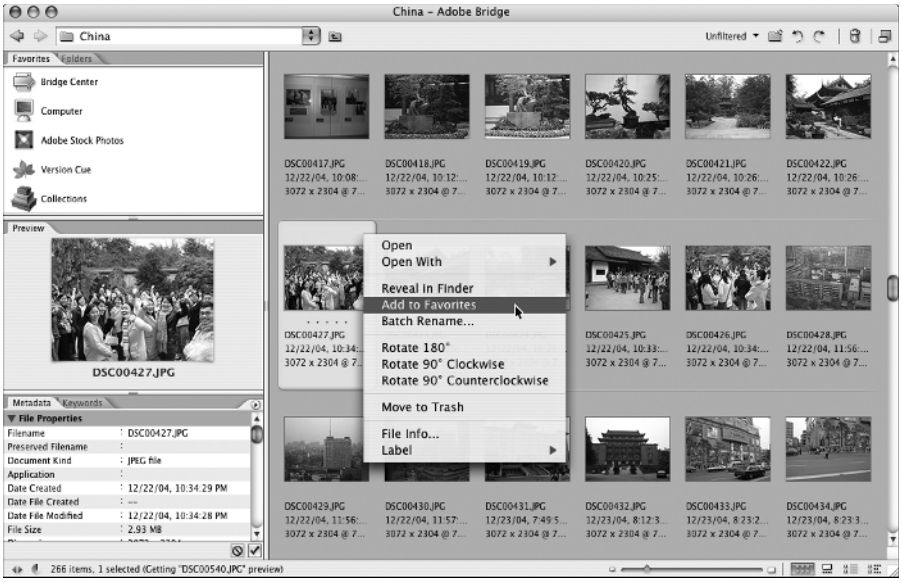


**Figure 1-1:** The Adobe Bridge is the central navigation tool for all CS2 applications.

You can use Adobe Bridge, which is your central navigation tool, to manage document assets and attributes. For example, using Adobe Bridge, you can assign common color management settings to all your CS applications, as well as add metadata to all your documents and run keyword searches on that the metadata. Some of the features available with Adobe Bridge include:

- **Bridge Center:** Adobe Bridge contains Bridge Center when used with the Creative Suite. The Bridge Center is the dashboard of the Creative Suite where you can view RSS feeds, view your most recent activities, read about tips and techniques for using Adobe software, save groups of files, and much more.
- **Camera Raw:** You can open and edit camera raw images from Adobe Bridge and save them in Photoshop CS2-compatible file formats. (Note that opening camera raw images in Bridge requires you to have Photoshop CS2 installed on your computer). You can edit camera raw settings in Adobe Bridge before opening files in Adobe Photoshop CS2.
- **Color Management:** Using Adobe Bridge you can synchronize color management settings across all applications to insure consistent color in all your CS application documents. You can import and export color settings for sharing among service providers and workgroups.
- **File Browsing:** As a file browser, Adobe Bridge is similar to the File Browser contained in earlier versions of Adobe Photoshop. Using Adobe Bridge as a file browser enables you to view thumbnail images of all Adobe application files and many other files created in other authoring programs. You can view page thumbnails from InDesign and Acrobat PDF documents. You can also view hidden files that your operating system uses on your computer. You can organize, sort files, create new folders, and move and delete files. You can edit metadata, rotate images, and run batch commands and automation scripts.

- **Launching Adobe Bridge:** You can launch Adobe Bridge as a separate executable program. You can also launch the Bridge directly from within Adobe Photoshop CS2, Adobe Illustrator CS2, Adobe InDesign CS2, and Adobe GoLive CS2.
- **Stock Photos:** From the Favorites pane in Adobe Bridge, a button links you to leading Web sites that host the leading royalty-free stock photo libraries. You can download low-resolution images to use as FPO (for position only) images when creating designs. When you decide which images to use in final comps, you can purchase high-resolution images via links from Adobe Bridge.
- **Version Cue:** In addition to launching all the CS2 applications from within Adobe Bridge, you can also access Adobe Version Cue CS2. You can create versions of documents, create alternates, apply document security, organize files into Version Cue private and shared project folders, and many other Version Cue-related tasks.

## Adobe Photoshop CS2

If you're a creative professional, chances are you're no stranger to Adobe Photoshop. Adobe's flagship image-editing program is now in version 9 with the CS2 upgrade. As a stand-alone product, Photoshop has some very nice additions to an already feature-rich program. New enhancements to Photoshop add tools and options specific to interests by graphic designers, photographers, and Web designers. Adobe Photoshop CS2 offers you more integration with the other CS applications and some unique new editing tools. This version of Photoshop adds more polish to the program and enhancements that are likely to become favorites for creative professionals.

Among some of the more impressive additions to the program you'll find:

For information related to new features in Adobe Photoshop, see Part III.

- **Adobe Bridge:** Choose File➪Browse and Adobe Bridge launches directly from within Adobe Photoshop. Close files and open Adobe Bridge from a Photoshop menu command. For information related to Adobe Bridge, see the section "Adobe Bridge" earlier in this chapter.
- **Animation:** Create animated GIF images in Photoshop like you do in ImageReady.
- **Color Swatch exchanges:** Export color swatch libraries and import libraries to and from Adobe Illustrator, Adobe InDesign, and Adobe GoLive.
- **Filters:** In Photoshop CS2 you'll find some nifty new filters added to the rich set of filters found in the last version of Photoshop. The new filters include:
    - **Blur:** New Blur filters include Box Blur, Shape Blur, and Surface Blur. For examples of results of these blur effects, see Chapter 13.
    - **Distort:** Lens Correction is a new filter in the Distort filters submenu. Lens Correction enables you to correct for photo aberrations such as barrel and pincushion distortion. *Barrel distortion* appears like a bloated photo and *pincushion distortion* appears as though a photo is pinched. You can easily correct images for perspective control using the grid in the Lens Correction window, shown in Figure 1-2.

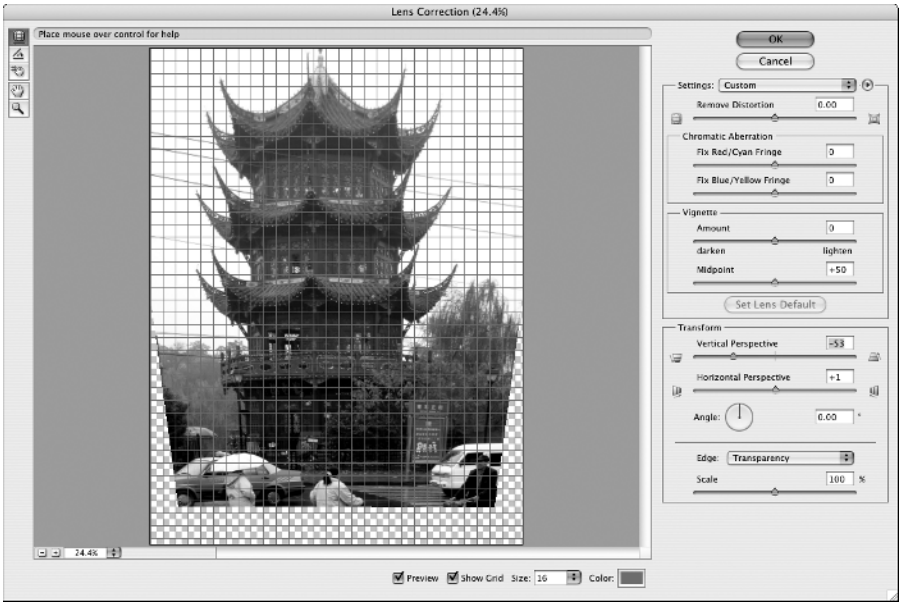


**Figure 1-2:** Lens Correction enables you to correct distorted images and correct image perspective.

- **Sharpen:** Smart Sharpen has been added to the Sharpen filters submenu. This filter introduces new algorithms for better edge detection and reduced sharpening halos. You can control the amount of sharpening you apply to highlights and shadows independent of each other.
- **Noise:** Reduce noise has been added to the Noise filters submenu. Reduce noise has the opposite effect of Add Noise that was part of Photoshop CS1.
- **Vanishing Point:** At the top of the Filter menu the new Vanishing Point filter has been added to Photoshop CS2. Vanishing Point is a marvelous tool that enables you to paste, clone, and paint image elements that automatically match the perspective of an image.

✦ **High Dynamic Range (HDR):** You can work with 32-bits-per-channel images with an extended dynamic range. You edit in 32-bit mode for brightness controls and other edits applied in Photoshop before reducing the mode to 24-bit for final output. You can capture the full dynamic range of a scene with multiple exposures, edit in 32-bit mode, and merge the files to obtain maximum detail in highlights, shadows, and a continuous range of midtones.

✦ **Image Processor:** You can batch process files and save them in multiple file formats.

✦ **Image Warp:** You can wrap, stretch, curl, and blend images around shapes for package designs.

- **Menu customization:** In addition to customizing workspaces and keyboard shortcuts, you can customize menus. You can show just the menu items you use in Photoshop by hiding menu commands and palette menu commands. You can save your menu settings, which you can select from a drop-down menu, or you can select preset menu configurations, which are available when you install Photoshop. You can also temporarily access all menus using a keyboard shortcut. Add color to menus or turn off colors in the General Preferences pane.
- **Multi-image Camera Raw:** You can batch process a group of Camera Raw images captured from multiple digital cameras. You can automatically adjust settings for multiple images, convert to universal Digital Negative (DNG) format, and apply nondestructive edits to batches of images.
- **Multiple layer control:** This allows you to work with layers as objects. You can select multiple layers and move, group, align, and transform them.
- **Shadow/Highlight:** You can apply Shadow/Highlight adjustments on CMYK images.
- **PDF Engine:** This allows you to save files as Photoshop PDF and use the same settings and controls as are available when you distill PostScript files or export to PDF from all other CS2 applications. You can create PDF settings in any CS2 application, and the settings are accessible to all CS2 applications.
- **Preserve vector data:** This feature retains vector attributes with placed vector images. You can save your Photoshop PSD files and return to layers containing vector objects. You can size and transform objects without losing the vector attributes.
- **Red-eye correction with one click:** You can correct red-eye with a single mouse click. You have options for adjusting pupil size and darkening amounts.
- **Script and action event manager:** Using the script and action event manager, you can write JavaScripts and Photoshop Actions that are invoked on user definable Photoshop events.
- **Smart Guides:** Allows you to align elements to guides, which appear only when you need them.
- **Smart Objects:** You can perform nondestructive transformations of embedded vector and pixel data. You can create multiple instances of embedded data and update all instances at once.
- **Spot Healing tool:** You can eliminate spots and artifacts quickly without selecting a source in the image.
- **UI Font size customization:** This allows you to customize the size of fonts in the Options bar, palettes, and Layer Styles.
- **Variables:** You can create data-driven graphics the same as when you use ImageReady.
- **Video preview:** You can display documents on a video monitor using a FireWire link.
- **Web Photo Gallery improvements:** This allows you to create Web Photo Galleries using Macromedia Flash content in Web Photo Galleries.

## Adobe Illustrator CS2

Tried and true Adobe Illustrator is the premier illustration program for designers and artists. Many people still use Macromedia FreeHand because they know the program well and because they enjoy having multiple pages with different page sizes together in the same document. However, the advantages for using illustration programs together with other applications in the Creative Suite are significantly in favor of Adobe Illustrator. With Adobe's pending acquisition of Macromedia, FreeHand may be discontinued.

In the current version of Illustrator CS2, you can now save workspaces like you can in Adobe Photoshop, Adobe InDesign, and Adobe GoLive. New impressive tools have been added to Illustrator as well as some polish on editing features.

For more information on using Adobe Illustrator CS2 and some of its new features, see Part III.

Among the new features in Illustrator CS2, you'll find:

- **Expanded support for Wacom tablets:** Adobe extends support for pressure tips and eraser, tilt two side switches, barrel rotation, and large felt-marker-shaped nib.
- **Live Trace:** Live Trace is like having a new, improved Adobe Streamline program built into Illustrator. Much more detailed and much faster than Streamline, Live Trace renders beautifully designed vector drawings from raster images, as shown in Figures 1-3 and 1-4.

**Figure 1-3:** A raster image is placed in Illustrator.

**Figure 1-4:** Using Live Trace, you can trace a raster image as a vector object. You can size and scale the resultant image without any image degradation.

- **Live Paint:** Live Paint polishes your vector drawings by automatically detecting and correcting edge gaps that can result in printed artwork with gaps between objects.
- **Offset a stroke on its path:** You can control where a stroke on a path appears relative to the path. You can center strokes on a path, or place them inside or outside a path.

- **PDF Options:** Like the new PDF options in Adobe Photoshop CS2, Adobe Illustrator offers you the same export options previously available only in Adobe InDesign and Acrobat Distiller.
- **Place Photoshop Layer Comps:** You can control visibility of placed images from Photoshop Layer Comps and toggle views for the different layers.
- **Spot colors enhanced support:** Support for spot color from raster images is now available in Illustrator. You can apply spot colors to raster-based images, colorize embedded grayscale images with one spot color or process color, and preserve spot colors in your artwork when saving to AI, EPS, or PDF file formats.
- **SVG and SWF options:** New options have been added for saving SVG and SWF files. You can save in SVG-Tiny format that is optimized for mobile devices and incorporate the graphics into designs for viewing on mobile devices.
- **Templates:** Illustrator provides a host of new professionally designed template files easily accessible by choosing File ➪ New From Template. You can use a variety of templates that are installed with the program to start a design project. When you open a template file, it opens as an Untitled document, as shown in Figure 1-5. Make your edits and save the file while Illustrator preserves the original template.

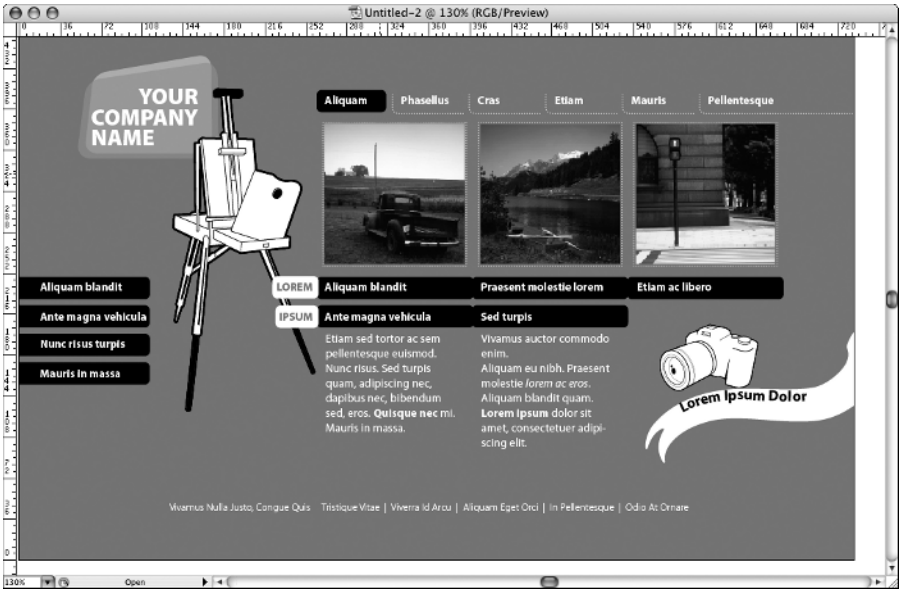
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**Figure 1-5:** You can easily access an abundance of template files from Illustrator's File menu.

- **Type enhancements:** You can apply underline and strikethrough in the Character palette.
- **Workspace management:** Adobe Illustrator CS2 now comes in line with Adobe Photoshop and Adobe GoLive in terms of workspace management. You can now save your workspaces with palettes positioned according to your personal choices.

## Adobe InDesign CS2

InDesign is the central hub of your creative workflow. You bring together the images and objects that you create in Adobe Photoshop CS2 and Adobe Illustrator CS2. You either import type created in a word-processing program, import from Adobe's InCopy, or you set type in the InDesign Story Editor. With InDesign's free-form ease of page layout, you can lay out a design for publication. You can then export the InDesign document as a PDF file suited for print, Web hosting, electronic file exchanges, or CD/DVD-ROM replication. If you want to include your design as HTML files for Web hosting, you can package the document for GoLive CS2. As you can see, InDesign's role among the Creative Suite programs is the anchor where files are imported to assemble a design and ultimately export for final output.

InDesign CS2 builds on the major upgrade that appeared in the first release of InDesign CS. All the wonderful features you had available in the previous version are still there along with some new enhancements introduced in InDesign CS2 (version 4 of Adobe InDesign). Among the more significant new additions are:

- **Assignments:** In collaborative environments you can assign selected frames, spreads, and documents to other users. Those users can observe their assignments in Adobe InCopy CS2 and make text edits to the same document you're editing at the same time.
- **Anchored objects:** You can anchor callouts, pull quotes, art, sidebars, and other objects respective to text and control their position. You can apply text wraps to anchored objects.
- **Library palette enhancements:** You can add items on a page as separate objects to the Library palette and easily update the library items. You can preserve the XML structure in nested elements.
- **Fill content proportionally:** You can resize an object to fit a frame and eliminate all white space.
- **Frame level baseline grids:** You can set baseline grids at the frame level for easy text alignment. You can rotate frames and snap text to the baseline grid assigned to the frame.
- **Metadata in documents:** Document-level metadata is supported much like Photoshop. You can embed information about fonts, color swatches, copyright information, author, keywords, and similar metadata. The metadata is available for viewing when you preview files in Adobe Bridge.
- **MS Word import enhancements:** You can map Word styles to InDesign styles, remove styles, remove styles from text and tables, and more (see Figure 1-6). You can preserve anchored objects and footnotes. You can save style mappings and other import options as a Word import preset.

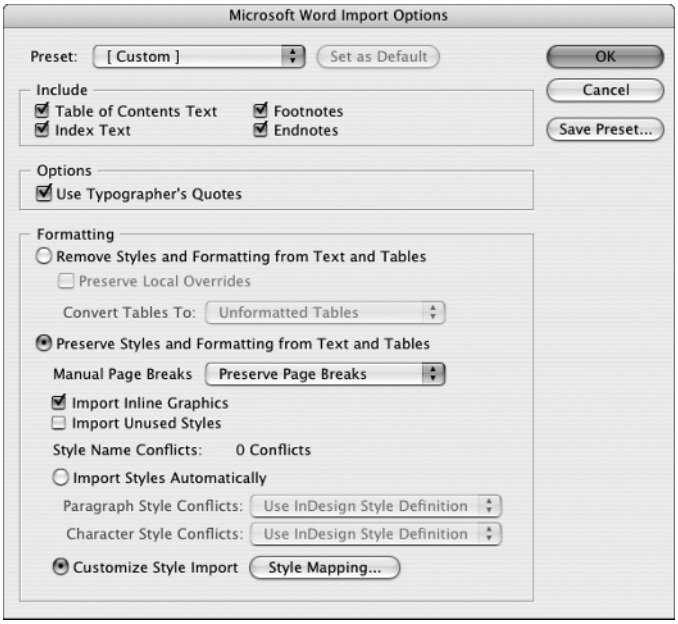


**Figure 1-6:** InDesign CS2 supports a host of new features for managing styles imported from MS Word.

- ✦ **Drop shadow noise and spread controls:** You can add noise to a layout to create an effect similar to using Photoshop's Add Noise filter. You can spread a drop shadow out to reduce the radius of the blur.
- ✦ **Style enhancement:** InDesign's wonderful treatment for style sheets introduced in InDesign CS is further developed in InDesign CS2. Among new styles and working with them you have:
  - **Object styles:** You can apply object formatting to multiple objects and define a style that you can apply to additional objects introduced in your layouts. Object styles work similar to character and paragraph styles and the options are contained in a style palette (see Figure 1-7).

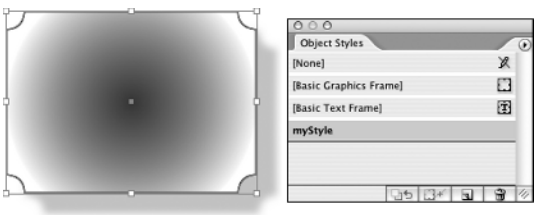


**Figure 1-7:** You can define and apply object styles in the Object Styles palette.

- **Selective loading of Styles:** You can selectively load styles including Object Styles from other InDesign projects.
- **Quick apply styles:** You can type a style name in one of the style palettes and quickly apply the style to a body of text or objects.
- **Apply Next Style:** Using Apply Next Style, you can quickly apply multiple styles to a single body of text. For example, you can apply a headline, subhead, drop cap, body copy, bullet points, and end style with one click.
- **Reset to base:** You can reset any style you apply to text or objects to the base style.
- **Automatically replace deleted styles:** When you delete a style you can specify a replacement style.

✦ **Packaging enhancements for GoLive:** You can select a page range or group of objects for packaging for GoLive. You can include linked objects on hidden layers in your package for GoLive. You can open InDesign packages in GoLive and export them to XHTML.

✦ **Pathfinder enhancements:** You can convert shapes into different shapes using the Pathfinder palette. For example, you can convert a rectangle to a rounded rectangle.

✦ **PDF integration:** All Adobe PDF Settings that you create in Acrobat Distiller are now visible in InDesign. You can create PDF settings in any CS2 application and the presets become visible in all applications.

✦ **Place PSD and PDF layers:** You can place Photoshop-layered PSD files and Adobe Acrobat-layered PDF files in InDesign and toggle the layer views (see Figure 1-8).

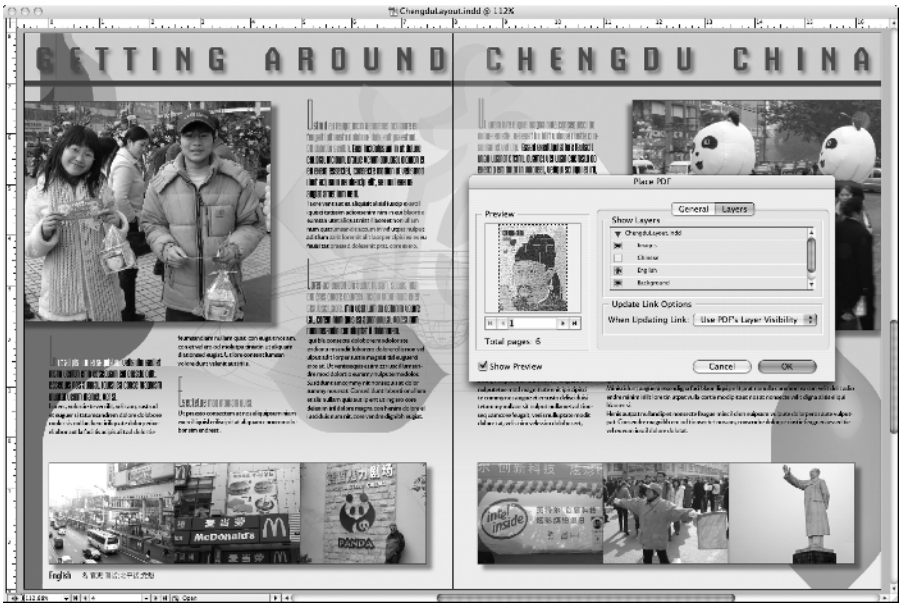


**Figure 1-8:** You can turn on and off different layers from Photoshop and Acrobat PDF-layered files placed in InDesign.

- **Place PDF multiple pages:** You can place all pages in a PDF document in InDesign CS2. Select a file to place and the cursor is loaded. You can manually place pages across InDesign pages or autoflow the pages much like autoflowing text.
- **Save backwards:** You can save InDesign CS2 documents backward to InDesign CS1 format.
- **Snippets:** You can drag and drop a group of objects into Adobe Bridge, onto your desktop, into the InDesign Library palette, or an e-mail message window. InDesign saves the objects as a Snippet that you can share with other users.
- **Swatch sharing:** You can export color swatches from InDesign for other CS2 applications to use. You can import swatch libraries from other CS2 applications into an InDesign file.
- **Text processing:** Several improvements to text handling have been added to InDesign CS2. These include:
    - **Drag and drop text:** You can open MS Word and InDesign concurrently with both document windows in view. Select text in MS Word and drag it to the InDesign window. When you drop the text on an InDesign page, a text frame is automatically created with the selected text appearing in the frame. From the desktop you can drag a Word document to an InDesign document page and the text is imported the same as when using the Place command. You can drag and drop MS Excel worksheets to an InDesign page, then convert the text to a table. You can drag and drop Word and Excel files from the Find dialog box.
    - **Footnotes:** You can create footnotes in InDesign or import them from MS Word documents and Rich Text Format (RTF) files. You can edit footnote numbering, formatting, and layout.
    - **Unformatted paste:** You can automatically paste text while ignoring the original style and apply the style assigned to an InDesign frame.
    - **Dynamic spell-checking and automatic text correction:** You can spell check while typing in InDesign much like you can in MS Word.
    - **Dictionary management:** You can create and link to multiple dictionaries and share your custom dictionaries with other users.
    - **WYSIWIG font management:** You can see font style previews (see Figure 1-9) directly in the Font menu and the Character and Control palettes.

**Figure 1-9:** Font styles are displayed in the Font menu.

- **Story editor enhancements:** You can view overset text while working in the Story Editor. You can display a vertical ruler in the Story Editor to measure vertical placement of text. Additionally, you can anti-alias text for a better visual display.

✦ **Transform Again:** Much like Illustrator's Transform Again command, you can repeat and duplicate transformations.

✦ **Transform tools for PageMaker users:** You can convert PageMaker 6.0-7.0 documents and automatically impose pages into printer's spreads using InBooklet Special Edition.

✦ **XML and GoLive integration:** Enhancements have been made for XML tagging and integrating InDesign files with Adobe GoLive CS2. These include:

- **XML tagging of tables:** You can tag tables, table cells, and content within table cells. You can export and reimport tables while retaining table structure.
- **Smart XML import:** You can automatically clone matching elements from imported XML files to preserve styling. You can delete unmatched existing elements and their structure. You can omit unmatched imported elements or whitespace-only elements.
- **Linked XML files:** You can link to XML files upon importing them and easily update content when you edit and change the linked file.

For more information on using new features in InDesign CS2, look over the chapters in Parts III and IV.

## Adobe GoLive CS2

Adobe GoLive CS2, now in version 8, is a Web authoring and site management program. As a stand-alone product, GoLive has suffered in sales because many Web designers favor other applications by several competing vendors. Because GoLive has had a major upgrade in the first CS version and continues with many new features now found in GoLive CS2, you should consider it for your Web design needs if you use the other CS applications. As a participant in the Creative Suite, GoLive CS2 has many benefits for handling file imports and exports similar to options in other CS programs. As a stand-alone editor, GoLive has reached a level of sophistication equal to or greater than other HTML editing programs competing for the same market.

For more information on using new features in GoLive CS2, see Chapter 28.

Some of the features available in GoLive include importing native file formats from other CS applications much like you have available in InDesign (including Photoshop layered files, smart objects, and smart tracing made from cutouts in other CS native files); complete integration with InDesign CS2 where paragraph, character, and inline text styles are translated in GoLive documents; consistent color management using the Adobe Color Engine and Adobe Bridge; PDF previews of Web pages; visual CSS (Cascading Style Sheets) authoring and previewing; and much more. Some of the new feature highlights include:

- **Automatic style conversion:** Replace HTML styles with CSS styles.
- **Color management:** You can use the Adobe Color Picker in GoLive CS2 and choose the same color management settings as you use in all other CS applications.
- **Cropped components:** You can customize text components for different viewing circumstances.
- **CSS site management:** You can update CSS class and ID names throughout a site and view referenced HTML files.
- **Default CSS files:** You can apply a default style sheet to all new files you create.
- **Dynamic collections:** You can attach queries to collections.
- **Enhanced CSS editor:** You can view source code and check syntax while you edit style sheets.
- **Export to HTML:** You can optimize InDesign layouts for HTML and apply templates to linked exported pages.

- ✦ **Favorites:** You can quickly access frequently used documents in a favorites list.
- ✦ **Help:** The Adobe Help Center (see Figure 1-10) supports help documentation for GoLive CS2 and all other Adobe CS applications.
- ✦ **Import layers:** You can show and hide InDesign layers in GoLive's Layers palette (see Figure 1-11).

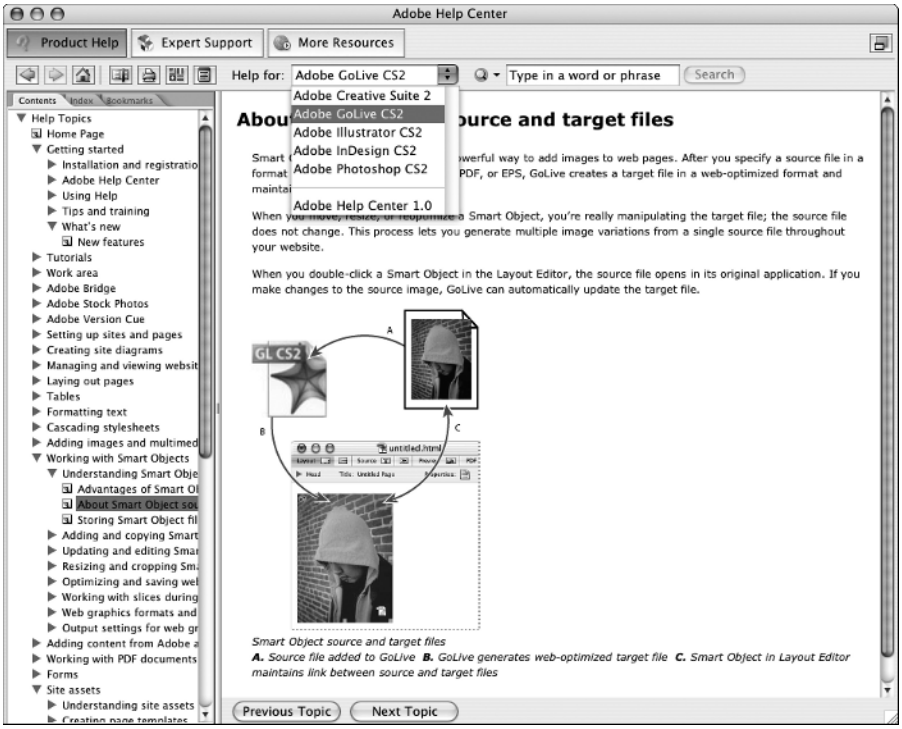


**Figure 1-10:** The Adobe Help Center gives you help for all the CS2 applications.

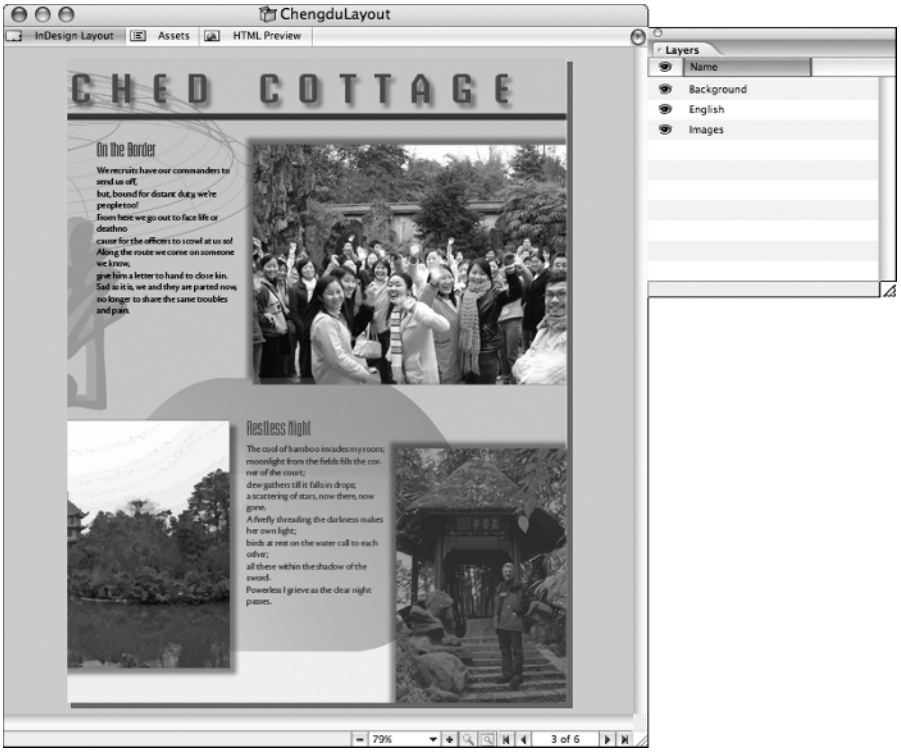
ChengduLayout
InDesign Layout
Assets
HTML Preview
CHED COTTAGE
On the Border
We recruits have our commanders to send us off,
but, bound for distant duty, we're people too!
From here we go out to face life or deathno
cause for the officers to scowl at us so!
Along the route we come on someone we know,
give him a letter to hand to close kin.
Sad as it is, we and they are parted now,
no longer to share the same troubles and pain.
Restless Night
The cool of bamboo invades my room;
moonlight from the fields fills the corner of the court;
dew gathers till it falls in drops;
a scattering of stars, now there, now gone.
A firefly threading the darkness makes her own light;
birds at rest on the water call to each other;
all these within the shadow of the sword.
Powerless I grieve as the clear night passes.
Layers
Name
Background
English
Images
79%
3 of 6

**Figure 1-11:** You can hide or show InDesign layers in GoLive's Layers palette.

- ✦ **Liquid layouts:** You can create flexible CSS layouts or use the redesigned CSS layout grid.
- ✦ **Mobile device support:** GoLive CS2 sports a number of new features for creating Web pages intended for viewing on mobile devices. Among them are:
  - **Mobile workspaces:** You can automatically configure a workspace for mobile formats when you create a new document.
  - **Small screen rendering:** GoLive CS2 has LiveRendering browser where you can preview files designed for mobile devices.
  - **CSS Integration:** You can create flexible designs for dual purposes for mobile and screen viewing.
  - **MMS messages:** You can create impressive multimedia messages for mobile devices.
  - **Convert HTML to XHTML:** You can create mobile-compatible copies of Web pages.
  - **SVG previews:** You can edit SVG files and add JavaScript interactivity using a visual user interface.

- **Nested page templates:** You can create complex designs by inserting page templates into template regions.
- **New downloadable extensions:** You can add GoLive extensions made available from the Adobe Studio Exchange at: `http://share.studio.adobe.com`.
- **Organize assets:** You can view text and image thumbnails, or categorize assets with XML tags.
- **PDF presets:** You can create a PDF preset in GoLive the same as all other CS2 applications. Once created in GoLive, the presets are available to all programs and presets created in other CS2 applications are accessible in GoLive.
- **Previews and descriptions:** A more intuitive New dialog box (see Figure 1-12) offers options for the type of site or documents you want to create. The Options pane offers previews for sites, Web pages, mobile, and scripting documents. Short descriptions provide you information about the type of document you can create.

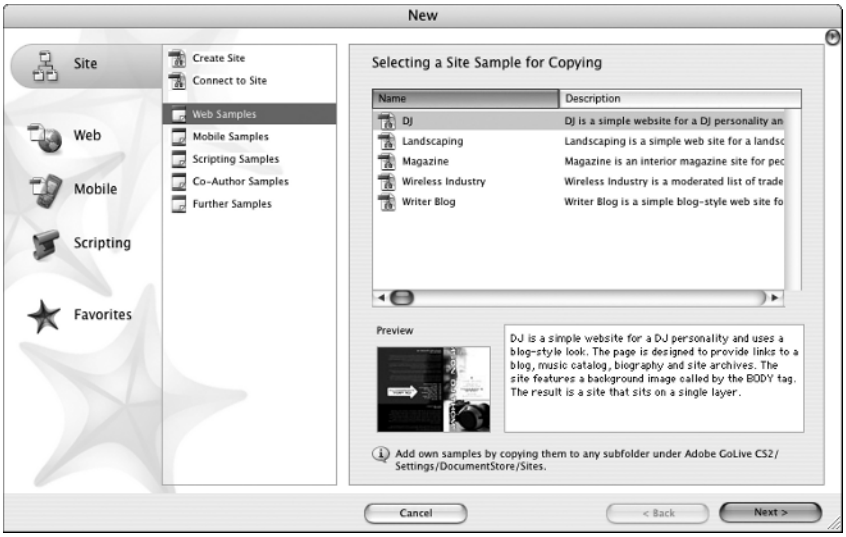
New
Site
Web
Mobile
Scripting
Favorites
Create Site
Connect to Site
Web Samples
Mobile Samples
Scripting Samples
Co-Author Samples
Further Samples
Selecting a Site Sample for Copying
Name
Description
DJ
DJ is a simple website for a DJ personality an
Landscaping
Landscaping is a simple web site for a landsc
Magazine
Magazine is an interior magazine site for pec
Wireless Industry
Wireless Industry is a moderated list of trade
Writer Blog
Writer Blog is a simple blog-style web site fo
Preview
DJ is a simple website for a DJ personality and uses a blog-style look. The page is designed to provide links to a blog, music catalog, biography and site archives. The site features a background image called by the BODY tag. The result is a site that sits on a single layer.
Add own samples by copying them to any subfolder under Adobe GoLive CS2/ Settings/DocumentStore/Sites.
Cancel
< Back
Next >

**Figure 1-12:** The New dialog box has previews and descriptions for the type of document you want to create.

- **Quick search:** You can search for files directly from the Site window.
- **Samples:** A number of different sample files are available for viewing from the New dialog box. You can see previews and descriptions for the sample files.
- **Secure FTP:** You can transfer files via the Secure Sockets Layer (SSL) or the Secure Sockets Shell (SSH).
- **Smart Favorite icons:** You can automatically optimize page icons for the Favorites and Bookmarks menus in Browser windows.

- **Streamlined workflow:** You can optimize text and images with one click. You can customize formatting in the CSS editor.
- **Swatches:** You can manage swatches and exchange them just like the other CS2 applications. Export or import swatch libraries to and from the other CS2 programs.
- **Tools:** New tools identical to the other CS2 applications include the Hand, Zoom, and Eyedropper tools. In addition, unique GoLive CS2 tools include the object Selection and Layer tools optimized for Web page layout.
- **Updated, preinstalled SDK:** The Adobe Software Development Kit (SDK) is installed on your hard drive with GoLive CS2. You can create new GoLive features using JavaScript.
- **Version control:** Adobe Version Cue is supported with GoLive CS2. You can easily collaborate and share files among GoLive workgroups.

GoLive supports a long list of new features and is enhanced in many ways over the last version of the program. If you're a graphic designer focused on print, perhaps the exports to GoLive from within InDesign is where you'll spend most of your time. If your work is Web site design, you'll want to spend a lot of time learning all the features GoLive offers you.

In this book, we offer you a starting point in Chapter 28 where you can glean some knowledge for using GoLive to create a Web site. In other chapters, we cover the integration of GoLive with the other CS programs. However, our treatment of GoLive is light and you'll need to acquire some other guides and publications in order to become proficient in using the program.

## Adobe Acrobat Professional 7

Whereas Adobe InDesign CS is the hub of your creative satellite, PDF is at the center of the file-format universe. All the CS programs export and import PDF documents, and the expansion for PDF support is found in all the new product upgrades. For design workflows, Adobe Acrobat Professional in version 7 offers you many tools to facilitate collaboration with colleagues, clients, and prepress technicians. You can:

- Set up e-mail–based reviews for markup and approval of design concepts and proofs
- Enable PDF documents with special usage rights so users of the free Adobe Reader program can participate in comment and review sessions
- Export comments and corrections directly to Microsoft Word text documents (on Windows XP with Office XP only)
- Prepare files for electronic exchanges, Web hosting, and screen viewing complete with embedded graphics and fonts
- Prepare files for digital prepress and printing
- Authenticate and secure documents
- Develop media shows and slide presentations for kiosks, meetings, and presentations
- Design forms for point-of-sale purchases hosted on Web sites or distributed on CD/DVD-ROMs

- ✦ Organize your design environment and catalog design campaigns embedding native files in PDFs for an organized storage system
- ✦ Search for content contained on CDs, DVDs, network servers, and Web sites
- ✦ Create accessible documents for clients needing compliance with U.S. law governing document accessibility

All in all, Acrobat Professional has a significant place in your design workflow.

As of this writing, Adobe Acrobat Professional and Adobe Reader are in version 7.0.5. Mac users are encouraged to upgrade to this version. All versions on the Mac prior to 7.0.5 don't display video or play sounds in PDF documents.

Acrobat Professional was released several months earlier than the other CS2 programs and is not on the same development cycle as the other CS programs. Part of the reason for the early release of Acrobat was the necessity to develop the PDF 1.6 specifications used by all the other CS programs. With PDF version 1.6 and Acrobat 7 compatibility, you can enjoy features like enabling PDF documents for Adobe Reader users and taking advantage of all the new Print Production tools.

Adobe Acrobat is unlike the other CS programs in that the application is designed to serve many different office professionals. Acrobat might be used by engineers, legal professionals, business office workers, government workers, school districts, and just about anyone in any industry working on a computer today. Therefore, there are a number of tools you, as a creative professional, may not use in Acrobat just because those tools may not serve your needs. The following are the additions to the new version of Acrobat that are most suited for design and publishing workflows:

- ✦ **Autosaving files:** You can set preference options for autosaving files.
- ✦ **Attaching files:** A new Attach File command offers an alternative to attaching files as comments. You can extract file attachments in Adobe Reader. When files are attached with the Attach File command, you do not need to enable the PDF with Reader usage rights.
- ✦ **Browser-based reviews on Mac:** Browser-based reviews are now supported on the Macintosh.
- ✦ **Enable PDF documents with Adobe Reader usage rights:** You can add special features to PDF documents such as enabling a PDF for comment and review for Adobe Reader users. When you open these files in the free Adobe Reader, all the comment and drawing markup tools are available (see Figure 1-13). Your clients, using Adobe Reader, can mark up and comment on PDF files in review sessions and send their comments back to you. Adobe Reader users can save the commented PDFs when usage rights are enabled.
- ✦ **Fast Launch:** One of the most frequent complaints from users of previous versions of Acrobat and Reader was the long time it took to launch the programs. In version 7, both Acrobat and Adobe Reader have been improved and now launch as fast as any MS Office application.
- ✦ **Forms:** On Windows, Adobe has introduced Adobe Designer. Designer is a separate executable application engineered for creating Adobe PDF forms. Adobe Designer is a tool that simplifies database connections to PDF documents and offers many new features for creating sophisticated forms.

**Figure 1-13:** Adobe Reader users have access to comment and drawing markup tools when a PDF document is enabled with Adobe Reader usage rights.

- **JavaScript:** The JavaScript dialog box offers new features to help debugging, an XML parser with full DOM and Xpath support, XSLT for XML transformations, and a much-improved SOAP implementation.
- **Layers:** Multimedia placed on a separate layer is now editable only when that layer remains in view. Acrobat treats media placed on a layer specific to that layer as opposed to making the video accessible when viewing other layers.
- **Organizer:** Acrobat's Organizer is a junior cousin to Adobe Bridge. With the Organizer you can create collections, add to favorites, view thumbnail previews of PDF documents, scroll through all pages in a PDF file without opening the document, sort on metadata, initiate reviews, and open and delete files.
- **New Comment tools:** New tools have been added to the exhaustive list of comment and markup tools. A special Callout tool and Dimension tool have been added to the Commenting toolbar. These tools and all other comment and markup tools are available to users of Adobe Reader when PDFs are enabled with usage rights.
- **PDF Optimizer:** The PDF Optimizer has been improved and now provides transparency flattening, optimization of scanned images, and selective image compression based on color content. Discarding objects and cleanup have been separated into two panes.

- **PDF Standards:** Support for PDF/A (archival format) and new versions of PDF/X are added to version 7.
- **Prepress and Printing:** A host of new print production tools (see Figure 1-14) have been added to Acrobat Professional for soft-proofing color and commercial printing. Cropping files is much better, and the following features have been added: trap presets, JDF job definitions, a more simplified Preflight tool, and fixing hairlines. In addition, transparency flattening is now available before printing a file.

**Figure 1-14:** The new Print Production toolbar offers new tools for soft-proofing color and commercial printing.

- **Secure ePaper Mail:** You can use one of several templates for eEnvelopes (see Figure 1-15) that you can attach a file and secure the PDF. Users of the free Adobe Reader software can open the document when you provide them with the password and extract the file attachment. Note that you can attach a file of any type to a PDF document.

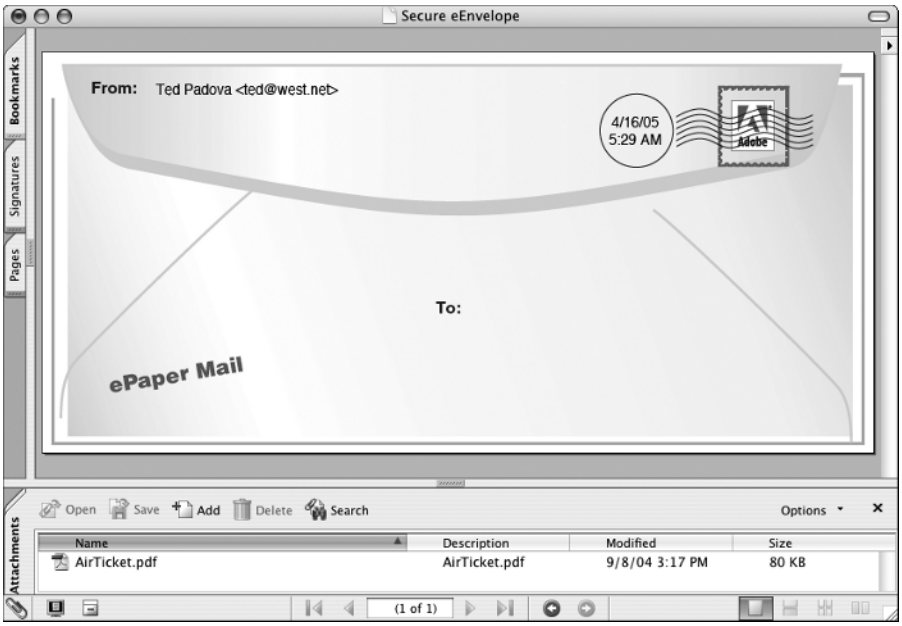


**Figure 1-15:** You can easily send secure PDF documents with file attachments using the Secure PDF Delivery menu command. Adobe Reader users can extract file attachments.

- **Security policies:** Security and digital signatures have been completely revised in Acrobat 7. You can now create a security policy and reuse the policy whenever you want to encrypt files using the same attributes. Security policies are like adding style sheets to security handling.
- **Version Cue Support:** Support for Version Cue has been added to version 7 of Acrobat Professional.
- **Watermarks and backgrounds:** The Watermarks and Backgrounds dialog box now supports adding custom text.
- **Web browser support:** Acrobat 7 offers more support for Web browsers. Safari users on Macintosh can view PDF files as inline views in Safari.

## Version Cue CS2

You'll find the new enhancements to Version Cue another step toward complete integration of the Adobe CS applications. Together with Adobe Bridge this release of the Creative Suite helps you easily manage documents and revisions. Adobe Version Cue is now in version CS2 like the other CS applications. Some of the new features added to Version Cue include:

- **Adobe Bridge Integration:** Between Adobe Bridge and Version Cue you have two great tools to manage and revise all your artwork and projects. From Adobe Bridge you can search for and view all Version Cue files without opening individual CS2 components. You can manipulate files directly in Adobe Bridge to avoid delays as files open or as components start up.
- **Alternates:** You can create alternate work projects where an original document remains intact and an alternate to the project is modified. You can use alternates in addition to versions to manage your projects.
- **Manage non-Adobe files:** You can store other file types such as MS Word documents, MS Excel Spreadsheets, and various vertical market application program documents in a Version Cue project.
- **PDF Review:** You can initiate PDF reviews from within Version Cue and store the review comments in a Version Cue project.

## New Adobe Open and Save dialog boxes

A number of features included in the CS2 applications are available in all or several of the CS2 programs. As such, most of these were discussed in the previous pages that covered the individual programs. One particular feature that deserves special attention, and that is used by Photoshop, Illustrator, and InDesign, is the new Adobe Open and Save dialog boxes.

When you choose File ➪ Open (or File ➪ Save/Save As), you have a choice to use your OS (operating system) dialog box to open or save any file from any application. Alternatively, you can use a new modified Open (or Save) dialog box developed by Adobe Systems. Adobe modified these dialog boxes to take advantage of how Adobe Bridge and Adobe Version Cue work together.

Click Use Adobe Dialog and the interface changes as you see in Figure 1-16. As shown in the figure, you can open drop-down menus, which have options for revealing a file in Bridge, creating a new Version Cue project, sharing a project, versioning a file, creating an alternate, closing a connection, synchronizing connections, and more. Click Use OS Dialog and you go to the familiar dialog box you use when opening (or saving) files.

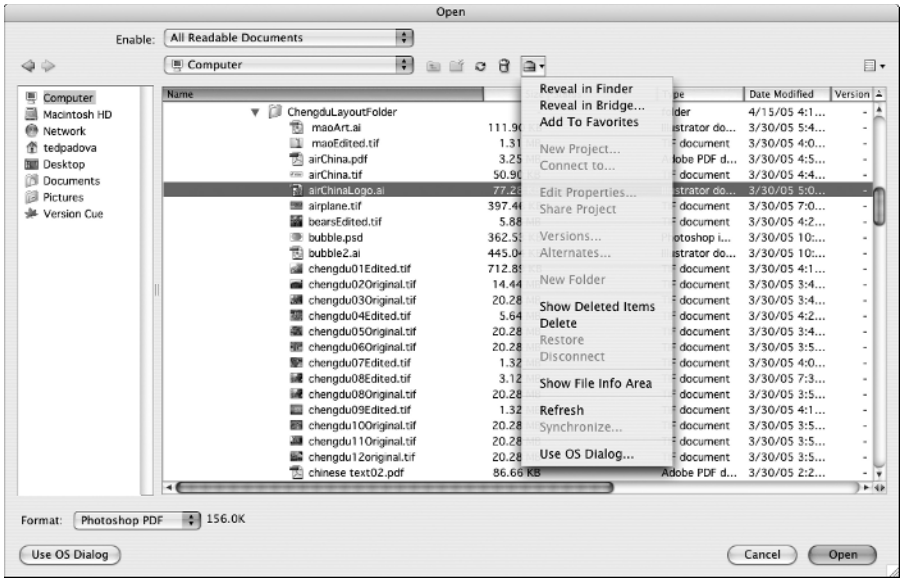


**Figure 1-16:** The new modified Open dialog box offers many options for working with Adobe Bridge and Version Cue.

# OpenType Fonts

In addition to the programs contained in the Creative Suite, you can also find more than 180 installed OpenType fonts after completing your CS2 applications installation. OpenType fonts are a new font technology developed by Adobe Systems and Microsoft. OpenType fonts offer you new type-handling features among many of the CS2 applications. Starting to convert your type library to OpenType fonts as soon as possible is a good idea. The kind of benefits you derive from using OpenType fonts include:

- **Cross-platform support:** OpenType fonts are completely cross-platform. You can copy the same font to either Mac OS or Windows. Obviously, licensing restrictions do apply, so be certain to check these restrictions before installing fonts on multiple computers.
- **Reliability:** If you experience font problems when you print, be certain to first reevaluate your font sets. Off-brand fonts, especially many of a TrueType nature, can prevent embedding problems. Furthermore, some quality fonts carry licensing restrictions that prevent font embedding. If you create PDF files with font embedding, be certain to review the licensing restrictions on your fonts and check whether font embedding is prohibited. Many quality fonts offer you complete embedding permissions that help prevent problems when it comes time to print your creations. Good-quality fonts that permit font embedding include those found in the Adobe type library of OpenType fonts.
- **More glyphs:** A *glyph* is an individual font character. TrueType fonts and all earlier PostScript fonts contain a maximum 256 glyphs. The new OpenType fonts can contain more than 65,000 glyphs. These additional characters offer you many discretionary options for kerning pairs and expanded ligatures as well as special characters, precisely proportioned fractions, and foreign-language character alternatives. A portion of a glyph set for an OpenType font installed with the Creative Suite is shown in Figure 1-17.

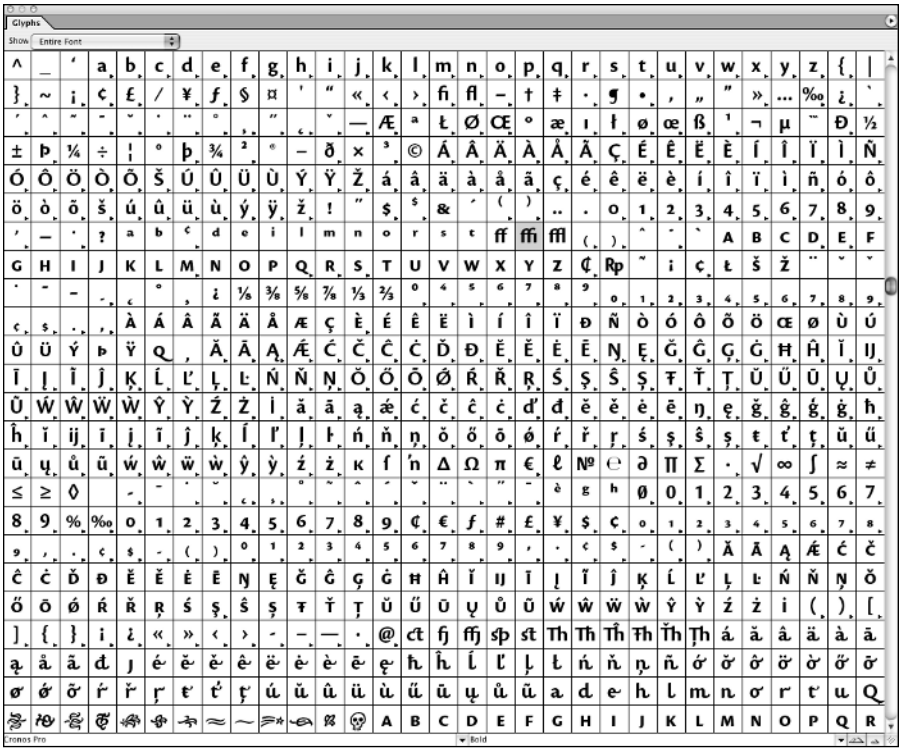


**Figure 1-17:** OpenType fonts offer you more than 65,000 characters.

- **Multi-language support:** All the OpenType Pro fonts contain characters needed for multiple-language typesetting.
- **Easier font management:** OpenType fonts contain only a single file for font viewing on-screen and fonts used for printing. Unlike PostScript fonts containing separate files for screen views and each face in a font set contained in a separate file, OpenType fonts are built in a single file, thereby providing you more ease in keeping track of fonts, installing them, and locating them.

Several CS2 applications support a Glyphs palette where you can view an entire font in a scrollable window. You can insert a character at the insertion point by double-clicking a glyph in the palette. You no longer need to open a utility to view all characters in a given font set when you use programs like Adobe InDesign CS and Adobe Illustrator CS.

# Summary

- The Creative Suite is a collection of imaging applications offering professional designers complete integration for print, Web design, and screen viewing.
- Programs from a single software vendor provide consistent user interfaces and similar menu and tool functions, which reduce learning curves for new hires.

- Adobe Bridge is a central navigation tool offering features for viewing, editing, and managing Adobe CS application documents and non-Adobe files.
- Adobe Photoshop CS2 (version 9) offers new filters for lens correction, vanishing point, and other new editing methods. Photoshop CS2 now supports PDF presets consistent with Adobe InDesign and Acrobat Distiller. New features for Camera Raw support, HDR editing, preserving vector data, additions for brightness controls, introduction of multimedia and Web images support add to Photoshop's impressive arsenal of tools and features.
- Adobe Illustrator CS2 (version 12) offers new tools for tracing and painting images. Together with tighter type controls, saving workspaces, exchanging swatch libraries, and PDF settings control, Illustrator CS2 is more integrated in the Creative Suite.
- Adobe InDesign CS2 (version 4) offers new type-handling features. Building upon the impressive set of features introduced with InDesign CS1, the CS2 version adds more polish to the premier layout program available for creative professionals.
- Adobe GoLive CS2 (version 8) offers a host of new features for creating Web sites and support for mobile devices.
- Adobe Acrobat 7 Professional offers the creative professional tools for reviewing comps, soft-proofing color, preflighting documents, PDF/X compliance, and an option for creating PDFs with special features so your clients using the free Adobe Reader software can mark up and comment on proofs.
- Version Cue CS2 is a utility that supports saving files from Adobe Photoshop CS2, Adobe Illustrator CS2, Adobe InDesign CS2, and Adobe GoLive CS2, and Adobe Acrobat 7 Professional in different document versions and alternates. Changing versions dynamically updates linked files in the other CS2 programs. New features help manage non-Adobe documents, integrate versions with Adobe Bridge, create alternate designs, and initiate review sessions.
- The new Adobe Open and Save dialog boxes offer options for working with Adobe Bridge and Version Cue.
- The Creative Suite Premium Edition provides you with more than 180 OpenType fonts. OpenType fonts can contain more than 65,000 glyphs, offering you more choices for ligatures, discretionary ligatures, foreign-language characters, proportional fractions, and special characters.

✦ ✦ ✦